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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/810,988	03/26/2004	Fernando Oliveira	EMC-02-119CIP1

Robert Kevin Perkins, Esq.
 EMC Corporation
 Office of the General Counsel
 176 South Street
 Hopkinton, MA 01748



CONFIRMATION NO. 9626

FORMALITIES LETTER



OC000000012898058

Date Mailed: 06/08/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450

Alexandria VA 22313-1450

08/12/2004 BABRAHAI 00000037 050889 10810988

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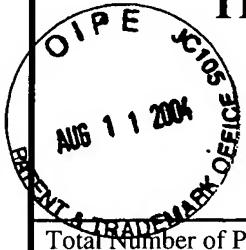
*A copy of this notice **MUST** be returned with the reply.*

B-4

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



TRANSMITTAL FORM

Total Number of Pages in this Submission:

Application No.:	10/810,988
Filing Date:	March 26, 2004
First Named Inventor:	Fernando Oliveira, et al
Group Art Unit	2186
Examiner:	Not Yet Assigned
Customer No.	24227
Docket No.	EMC-02-119CIP1

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Authorizing the Commissioner to charge Deposit Account No. 05-0889 (in duplicate)	<input checked="" type="checkbox"/> Response to Notice to File Missing Parts of Nonprovisional Application	<input type="checkbox"/> Petition for Revival of an Unintentionally Abandoned Application [37 CFR 1.137(b)]
<input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Decl.	<input checked="" type="checkbox"/> Declaration/Power of Attorney	<input type="checkbox"/> Associate Power of Attorney
<input type="checkbox"/> Extension of Time Request for _____ Months	<input checked="" type="checkbox"/> Copy of Notice to File Missing Parts of Nonprovisional Application	<input type="checkbox"/> Express Abandonment Request
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Revocation of Power of Attorney	<input type="checkbox"/> Terminal Disclaimer
<input checked="" type="checkbox"/> Assignment <input checked="" type="checkbox"/> Recordation Cover Sheet	<input type="checkbox"/> Issue Fee Payment on USPTO Form PTOL-85B, "Part B—Issue Fee Transmittal"	<input checked="" type="checkbox"/> Certificate of First Class Mailing
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Formal Drawings, labeled <input type="checkbox"/> Letter/Transmittal to Official Draftsperson <input type="checkbox"/> Copy of PTO 948, "Notice of Draftsperson's Patent Review Status Inquiry	<input type="checkbox"/> Certificate of Express Mail Mailing <input checked="" type="checkbox"/> Fee Transmittal <input checked="" type="checkbox"/> Postcard <input type="checkbox"/> Additional Enclosures:

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Date

August 9, 2004

Robert Kevin Perkins, Esq. (Reg. No. 36,634)

EMC Corporation
Office of the General Counsel
176 South Street
Hopkinton, MA 01748

Tel: (508) 293-6985
Fax: (508) 293-7189

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8]

I hereby certify that this correspondence and above-referenced enclosures are being:

Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: : Mail Stop: Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Transmitted by facsimile on the date shown below to the Patent and Trademark Office at (703)

Date

August 9, 2004

Signature

Sandra A. Kulaga

Typed or printed name of person signing certificate

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

For FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$170.00)**Complete if Known**

Application Number	10/810,988
Filing Date	March 26, 2004
First Named Inventor	Fernando Oliveira, et al
Examiner Name	Not Yet Assigned
Art Unit	2186
Attorney Docket No.	EMC-02-119CIP

METHOD OF PAYMENT (check all that apply)
 Check Credit Card Money Other None Order
 Deposit Account

Deposit Account Number	05-0889
Deposit Account Name	EMC Corporation

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2004	80	Provisional filing fee	

SUBTOTAL (1) (\$0.00)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Independent Claims	Multiple Dependent	Fee from below		
			Extra Claims	Fee Paid	
			-20** = <input type="text" value="18.00"/>	X <input type="text" value=""/>	= <input type="text" value=""/>
			-3** = <input type="text" value="86.00"/>	X <input type="text" value=""/>	= <input type="text" value=""/>

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	

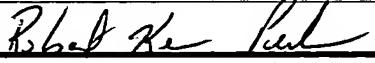
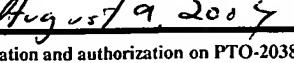
SUBTOTAL (2) (\$0.00)

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2520	1812	2520
1804	920*	1804	920*
1805	1840*	1805	1840*
1251	110	2251	55
1252	420	2252	210
1253	950	2253	475
1254	1480	2254	740
1255	2010	2255	1005
1401	330	2401	165
1402	330	2402	165
1403	290	2403	145
1451	1510	1451	1510
1452	110	2452	55
1453	1330	2453	665
1501	1330	2501	665
1502	480	2502	240
1503	640	2503	320
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	770	2809	385
1810	770	2810	385
1801	770	2801	385
1802	900	1802	900
Other fee (specify)			
*Reduced by Based Filing Fee Paid			
SUBTOTAL (3) (\$170.00)			

Complete (if applicable)

SUBMITTED BY		Complete (if applicable)			
Name (print/Type)	Robert Kevin Perkins	Registration No. (Attorney/Agent)	36,634	Telephone	(508) 293-6985
Signature		Date			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PATENT
EMC-02-119CIP1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:	Fernando Oliveira, et al	GROUP ART UNIT:	2186
U.S.S.N.:	10/810,988	EXAMINER:	Not Yet Assigned
FILING DATE:	March 26, 2004	CUSTOMER NO.:	24227
TITLE:	SYSTEM AND METHOD FOR MANAGING STORAGE NETWORKS AND PROVIDING VIRTUALIZATION OF RESOURCES IN SUCH A NETWORK		

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to: Mail Stop: Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 9, 2004.

Mail Stop: Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING
PARTS OF A NONPROVISIONAL APPLICATION**

Sir:

This is in response to the Notice to File Missing Parts of Nonprovisional Application mailed June 3, 2004. Declarations and Powers of Attorney executed by inventors Fernando Oliveira, Bradford Glade, Jeffrey A. Brown, Peter J. McCann, David Harvey, James A. Wentworth, III, Walter M. Caritj, Matthew Waxman, Lee W. VanTine accompany this Response.

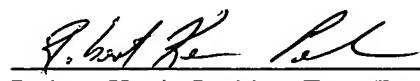
Applicant: Fernando Oliveira
U.S.S.N. 10/810,988
Filing Date: March 26, 2004
Atty. Docket No.: EMC-02-119CIP1

It is requested that all fees occasioned by this submission be charged to Deposit Account No. 05-0889.

In the event the Examiner deems personal contact desirable in disposition of this case, the Examiner is invited to call the undersigned attorney at (508) 293-6985.

Respectfully submitted,

Dated: August 9, 2004


Robert Kevin Perkins, Esq. (Reg. No. 36,634)
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